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L Number	Hits	Search Text	DB	Time stamp
1	15	conditional near4 certificate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 14:57
2	25	logical near4 certificate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 14:57
3	182	trusted near6 chain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 14:57
5	3209	"digital certificates"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 14:58
6	4	(trusted near6 chain) and (conditional near4 certificate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 15:15
7	1	("6658568").PN.	USPAT	2004/09/28 15:11
8	0	("007and6").PN.	USPAT	2004/09/28 15:12
9	0	((("6658568").PN.) and "digital certifiates"	USPAT	2004/09/28 15:12
10	1	((("6658568").PN.) and (conditional near4 certificate)	USPAT	2004/09/28 15:13
11	0	((("6658568").PN.) and (logical near4 certificate)	USPAT	2004/09/28 15:13
13	1	((("6658568").PN.) and (conditional near4 certificate)) and (trusted near6 chain)	USPAT	2004/09/28 15:14

US-PAT-NO: 6658568

DOCUMENT-IDENTIFIER: US 6658568 B1

See image for Certificate of Correction

TITLE: Trusted infrastructure support system, methods
and techniques for secure electronic commerce
transaction and rights management

----- KWIC -----

US Patent No. - PN (1):
6658568

Detailed Description Text - DETX (182):

Financial clearinghouse 200 processes the payment or payment authorization 152a in accordance with controls 188a, distributing payment 152b to the publisher and payment 152c to the author in accordance with the payment dividing agreement reached between the author and the publisher. Thus, for example, financial clearinghouse 200 might send \$4 of electronic money to the publisher and \$16 of electronic money to the author; or it might credit the bank or other accounts of the author and publisher in these amounts. Because this entire process takes place in a secure, trusted virtual distribution environment, each of the value chain participants can trust that they will in fact receive the payment they require and the process can be carried on automatically and electronically in a very efficient way that flexibly accommodates a wide variety of different business models and ad hoc relationships.

Detailed Description Text - DETX (189):

FIG. 28 shows a "superdistribution" example. One key rights holder concern is copyright infringement from "pass-along"--that is, illegal duplication and redistribution. This pass-along problem is serious in digital environments such as the Internet. The virtual distribution environment disclosed in the Ginter et al. patent specification and the administrative and support services arrangements disclosed in this specification fundamentally transform pass-along

DOCUMENT-IDENTIFIER: US 6658568 B1
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relationships.

FIG. 28 shows a "superdistribution" example. One key rights holder is copyright infringement from "pass-along"--that is, illegal duplicate redistribution. This pass-along problem is serious in digital environments such as the Internet. The virtual distribution environment disclosed by Ginter et al. patent specification and the administrative and support arrangements disclosed in this specification fundamentally transform the environment from a clear threat to an important opportunity. Because of the unique, automated, secure electronic management of value chain rights provided by the virtual distribution environment in the preferred embodiment, the content can be treated as a trusted member of the value chain. This makes possible the superdistribution model in which all customers become potential distributors. Since revenue from superdistribution incurs only minimal rights holder costs, superdistribution provides large profit potentials to holders of rights in successful works.

In more detail, a certifying authority in accordance with these instructions may provide any combination of the following advantageous features and functions, for example in the form of certificates: Electronically certify information used with or required by rules and/or controls such as authenticating, identity, class membership and/or other attributes of and/or context, and including automatically certifying said information upon the source (for example, one or more certified provider identities) and class of said information. Providing trusted verification that a control



(10) Patent No.: US 6,658,568 B1
(45) Date of Patent: Dec. 2, 2003

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(Line continued on next page.)

Examiner—Julia T. Darrow

- (74) Attorney, Agent, or Firm—Fitzgerald, Henderson
Fairbairn, Garrett & Dunner LLP

ABSTRACT

and invasion provides methods and a structured navigation concerning the

- Revised US 4—**

Related U.S. Applications: None.

- (63) Continuation in part of application No. US388,107, filed on Feb. 13, 1969, now abandoned.

- (32) U.S. Cl. 713/193; 713/155; 713/165

- 180,731; 180,733; 705,51; 705,52; 705,53
705,59; 705,60; 705,61

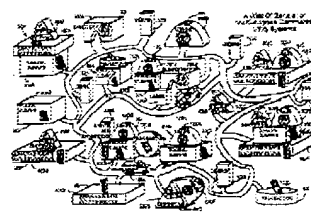
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TITLE: Trusted infrastructure support system, methods and techniques for secure electronic commerce transactions management

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In more detail, a certifying authority in accordance with these instructions may provide any combination of the following advantageous features and functions, for example in the form of certificates: Electronically certified information used with or required by rules and/or controls such as authenticating, identity, class membership and/or other attributes of and/or context, and including automatically certifying said information upon the source (for example, one or more certified provider identity class of said information. Providing trusted verification that a customer or other value chain participant is who she says she is and/or is a member or more particular groups, classes and/or organizations. Providing verification that a group of value chain participants are collective. say they are, wherein a plurality of certificates from different participants tested as an aggregate and where such aggregate of certain certificates required under certain circumstances to use content and/or execute a

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the second rule set to an information usage requirement of the first rule set and if a match exists, the second party gaining access to at least a portion of the first content;

payment information being communicated from the second party to the second clearinghouse candidate; and the second clearinghouse candidate using the payment information to at least in part clear a payment by the second party for the access to the first content.

20. A digital transaction administration system including: means for creation of secure digital containers, including means for packaging content in secure digital containers; and means for servicing rule sets with secure digital containers, the rule sets at least in part governing access to or other use of the contents of the secure digital containers;

means for communicating secure containers from a rights holder to an administrator;

at the administrator's site, means for undertaking an automated negotiation between a rule set specified by the rights holder and a rule set specified by the administrator, the negotiation involving at least the specification of one or more financial clearinghouses for clearing of payment-related information and one or

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more usage clearinghouses for clearing of usage-related information;

means for communicating secure digital containers to potential users of content packaged within the containers;

means for communicating payment information and usage information from users of content, including means for rules associated with the content, to at least in part control the communication;

means for a financial clearinghouse specified in an automated negotiation between the administrator and the rights holder to receive payment-related information from users and to communicate payment-related information to the rights holder; and means for a usage clearinghouse specified in an automated negotiation between the administrator and the rights holder to receive usage-related information from users and to communicate usage-related information to the rights holder.

21. A system as in claim 10, further including: means at the administrator's site for enforcement of privacy-related restrictions specified by users.
